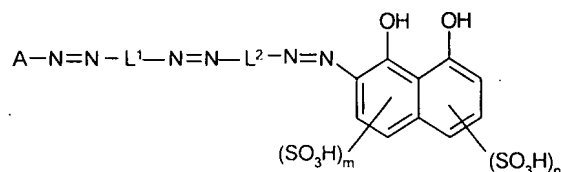


**IN THE CLAIMS**

1. (currently amended): A process for printing an image on a substrate comprising applying thereto a composition comprising a liquid medium and a tris-azo compound of Formula (1) or salt thereof:



Formula (1)

wherein:

A is an optionally substituted alkenyl, homocyclic or heterocyclic group;  
L<sup>1</sup> and L<sup>2</sup> are each independently optionally substituted aryl or heteroaryl; and  
m and n are each independently 0 or 1 such that m+n is 1 or 2;

wherein:

- (i) the compound of Formula (1) is ~~optionally~~ not in the form of a metal chelate; and
- (ii) at least one of L<sup>1</sup> and L<sup>2</sup> carries at least one substituent selected from sulphonyl, carboxy, C<sub>1-4</sub>-alkoxy and C<sub>1-4</sub>-alkoxy-OH.

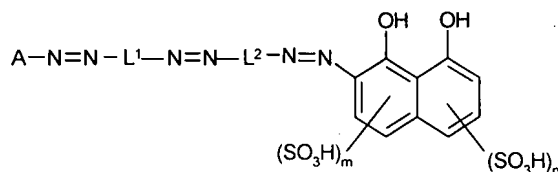
2. (original): A process according to claim 1 wherein the composition is applied to the substrate by means of an ink jet printer.

3. (previously presented): A process according to claim 1 wherein the image is text, a picture, a photorealistic image or a combination thereof.

4. (previously presented): A process according to claim 1 wherein the substrate is paper, plastic, metal or glass.

5. (previously presented): A process according to claim 1 wherein:
- A is optionally substituted pyridyl, furyl, thienyl, thiazolyl, isothiazolyl, imidazolyl, benzimidazolyl, pyrazinyl, pyrimidyl, quinolyl, isoquinolyl, benzofuryl, benzothienyl, pyrazolyl, indolyl, purinyl, isoxazolyl, oxazolyl, thiadiazolyl, furazanyl, pyridonyl, pyrazolonyl, piperidinyl, piperazinyl, pyrrolidinyl, morpholinyl, tetrahydrofuranyl, tetrahydrothiophenyl or tetrahydropyranyl;
- L<sup>1</sup> is phenyl or naphthyl optionally carrying a substituent selected from sulpho and carboxy;
- L<sup>2</sup> is phenyl or naphthyl carrying at least one substituent selected from sulpho, carboxy C<sub>1-4</sub>-alkoxy and C<sub>1-4</sub>-alkoxy-OH; and
- m and n are each independently 0 or 1 such that m+n is 1 or 2;
- wherein said optional substituents are selected from OH; SO<sub>3</sub>H; CN; carbonamido; PO<sub>3</sub>H<sub>2</sub>; CO<sub>2</sub>H; NO<sub>2</sub>; NH<sub>2</sub>; C<sub>1-4</sub>-alkyl optionally carrying a sulpho, carboxy, phosphato, C<sub>1-4</sub>-alkoxy, amino or hydroxy group; C<sub>1-4</sub>-alkoxy optionally carrying a sulpho, carboxy, phosphato, C<sub>1-4</sub>-alkoxy, C<sub>1-4</sub>-alkyl, amino or hydroxy group; phenyl or phenyl carrying from 1 to 3 substituents selected from sulpho, carboxy, phosphato, C<sub>1-4</sub>-alkoxy, amino, hydroxy and N carrying one or two C<sub>1-4</sub>-alkyl groups optionally carrying a sulpho, carboxy, phosphato, C<sub>1-4</sub>-alkoxy, amino or hydroxy group; N carrying one or two C<sub>1-4</sub>-alkyl groups optionally carrying a sulpho, carboxy, phosphato, C<sub>1-4</sub>-alkoxy, amino or hydroxy group; and C<sub>1-4</sub>-acylamino.

6. (currently amended): A tris-azo compound of Formula (1) or salt thereof:



Formula (1)

wherein:

- A is an optionally substituted alkenyl, homocyclic or heterocyclic group;
- L<sup>1</sup> and L<sup>2</sup> are each independently optionally substituted aryl or heteroaryl;
- m and n are each independently 0 or 1 such that m+n is 1 or 2; and
- with the provisos that:

- (i) the compound of Formula (1) is optionally not in the form of a metal chelate;
- (ii) L<sup>1</sup> and L<sup>2</sup> are each independently optionally substituted phenylene or naphthylene;
- (iii) optional substituents present on L<sup>1</sup> and L<sup>2</sup> are selected from OH, SO<sub>3</sub>H, CN, carbonamido, PO<sub>3</sub>H<sub>2</sub>, CO<sub>2</sub>H, NO<sub>2</sub>, NH<sub>2</sub>, optionally substituted alkyl, optionally substituted alkoxy, optionally substituted aryl, optionally substituted amine and optionally substituted acylamine;
- (iv) at least one of L<sup>1</sup> and L<sup>2</sup> carries at least one substituent selected from sulpho, carboxy, C<sub>1-4</sub>-alkoxy and C<sub>1-4</sub>-alkoxy-OH; and
- (v) when L<sup>1</sup> carries a methoxy group A is not 1,3-diaminophenyl; and
- (vi) L<sup>1</sup> and L<sup>2</sup> each independently carries 0 to 3 substituents such that at least one of L<sup>1</sup> and L<sup>2</sup> carries at least one substituent selected from the group consisting of sulpho and carboxy.

7. (original): A compound according to claim 6 wherein A is optionally substituted pyridyl, furyl, thienyl, thiazolyl, isothiazolyl, imidazolyl, benzimidazolyl, pyrazinyl, pyrimidyl, quinolyl, isoquinolyl, benzofuryl, benzothienyl, pyrazolyl, indolyl, purinyl, isoxazolyl, oxazolyl, thiadiazolyl, furazanyl, pyridonyl, pyrazolonyl, piperidinyl, piperazinyl, pyrrolidinyl, morpholinyl, tetrahydrofuranyl, tetrahydrothiophenyl or tetrahydropyranyl.

8. (original): A compound according to claim 6 wherein A is optionally substituted pyridonyl.

9. (previously presented): A compound according to claim 6 wherein L<sup>1</sup> is phenyl or naphthyl optionally carrying a substituent selected from sulpho and carboxy.

10. (previously presented): A compound according to claim 6 wherein L<sup>2</sup> is phenyl or naphthyl carrying at least one substituent selected from sulpho, carboxy, C<sub>1-4</sub>-alkoxy and C<sub>1-4</sub>-alkoxy-OH.

11. (previously presented): A compound according to claim 6 wherein L<sup>2</sup> is phenyl carrying two C<sub>1-4</sub>-alkoxy-OH substituents.

12. (original): A compound according to claim 6 wherein:

A is optionally substituted pyridyl, furyl, thienyl, thiazolyl, isothiazolyl, imidazolyl, benzimidazolyl, pyrazinyl, pyrimidyl, quinolyl, isoquinolyl, benzofuryl, benzothienyl, pyrazolyl, indolyl, purinyl, isoxazolyl, oxazolyl, thiadiazolyl, furazanyl, pyridonyl, pyrazolonyl, piperidinyl, piperazinyl, pyrrolidinyl, morpholinyl, tetrahydrofuranyl, tetrahydrothiophenyl or tetrahydropyranyl;

L<sup>1</sup> phenyl or naphthyl optionally carrying a substituent selected from sulpho and carboxy;

L<sup>2</sup> is phenyl or naphthyl carrying at least one substituent selected from sulpho, carboxy C<sub>1-4</sub>-alkoxy and C<sub>1-4</sub>-alkoxy-OH; and

m and n are each independently 0 or 1 such that m+n is 1 or 2;

wherein said optional substituents are selected from OH; SO<sub>3</sub>H; CN; carbonamido; PO<sub>3</sub>H<sub>2</sub>; CO<sub>2</sub>H; NO<sub>2</sub>; NH<sub>2</sub>; C<sub>1-4</sub>-alkyl optionally carrying a sulpho, carboxy, phosphato, C<sub>1-4</sub>-alkoxy, amino or hydroxy group; C<sub>1-4</sub>-alkoxy optionally carrying a sulpho, carboxy, phosphato, C<sub>1-4</sub>-alkoxy, C<sub>1-4</sub>-alkyl, amino or hydroxy group; phenyl or phenyl carrying from 1 to 3 substituents selected from sulpho, carboxy, phosphato, C<sub>1-4</sub>-alkoxy, amino, hydroxy and N carrying one or two C<sub>1-4</sub>-alkyl groups optionally carrying a sulpho, carboxy, phosphato, C<sub>1-4</sub>-alkoxy, amino or hydroxy group; N carrying one or two C<sub>1-4</sub>-alkyl groups optionally carrying a sulpho, carboxy, phosphato, C<sub>1-4</sub>-alkoxy, amino or hydroxy group; and C<sub>1-4</sub>-acylamino.

13. (currently amended): A tris-azo compound of Formula (1), as shown in claim 6, or a salt thereof, ~~optionally in the form of a metal chelate~~, wherein:

A is pyridonyl carrying at least one substituent selected from carbonamido and C<sub>1-4</sub> alkyl;

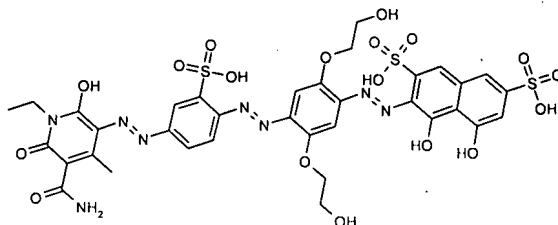
L<sup>1</sup> is phenyl carrying at least one sulpho substituent;

L<sup>2</sup> is phenyl carrying at least one substituent selected from sulpho, carboxy C<sub>1-4</sub>-alkoxy and C<sub>1-4</sub>-alkoxy-OH; and

m and n are both 1.

14. (canceled)

15. (original): A composition comprising a compound of Formula (1) or salt thereof as defined in claim 1 and a low melting point solid or a liquid medium comprising water and an organic solvent, wherein the compound of Formula (1) is not Formula (3) or a salt thereof:



Formula (3).

16. (previously presented): A composition comprising a compound of Formula (1) or a salt thereof and a low melting point solid or a liquid medium comprising water and an organic solvent, wherein the compound of Formula (1) is as defined in any one of claims 6 to 14.

17. (original): A composition according to claim 15 or 16 which has a concentration of less than 500 parts per million of halide ions, wherein parts refer to parts by weight relative to the total weight of the composition.

18. (previously presented): A composition according to claim 15 which has less than 50 parts per million of divalent and trivalent metals, wherein parts refer to parts by weight relative to the total weight of the composition.

19. (previously presented): A paper, an overhead projector slide or a textile material printed with a composition according to claim 15.

20. (previously presented): An ink jet printer cartridge, optionally refillable, comprising one or more chambers and a composition, wherein the composition is present in at least one of the chambers and the composition is as defined in claim 15

21. (canceled):

22. (previously presented): A paper, an overhead projector slide or a textile material printed with a compound according to claim 6.

23. (previously presented): A paper, an overhead projector slide or a textile material printed by a process according to claim 1.